# ISES CWCS – Phase 2 Vendor Conference

## Department of Public Instruction

Susan Rose-Adametz, Business Analyst/Project Lead
Sarita Jha, ISES, WSLS, Discipline, CWCS Technical Lead

**Phase 1 Results:**

•18% reported less than 75% of their student count on the 3rd Friday in September

•56 districts reported zero student records for 1 or more schools

•Data reasonability checks providing valuable training opportunities

•Limit future changes due to forth coming Statewide Student Information System

•56 districts had no student data for 1 or more schools

•Multiple terms submitted

•Duplicate sections for different reporting terms submitted (1st quarter, 2nd quarter and also 1st semester)

# Example: CWCS Data Merge Process

## CWCS Phase 2 Timeline

- CW1
  - February 1, 2012 Open
  - May 2, 2012 Close

- CW2
  - May 16, 2012 Open
  - August 15, 2012 Close

| Not Collecting Summer School Data | Not Collecting K3 or PK (Early Childhood Data) |
|---|---|

OUT OF SCOPE:

Will not be collecting CWCS data from;

•the two state schools, multi-district charter schools, DOC, DHFS or CCDEBs.

•summer school enrollment.

•early childhood enrollment (K3 & PK).

## CWCS Project Steering Committee

- Rod Packard, IT Director
- Doug White, Student Services / Prevention & Wellness
- Rebecca Vail, Content & Learning
- Sharon Wendt, Career & Technical Education
- Julie Brilli, Teacher Licensing
- Tiffany Boyd, Data Management & Reporting (Co Project Manager)

- Jim Henning, Applications Development (Co Project Manager)
- Sarita Jha, Applications Development (Technical Lead)
- Susan Rose-Adametz, Applications Development (Business Analyst)

| Leadership | Communication |
|------------|---------------|

✓ Data reasonability checks currently being done on CW1 & CW2 data.

✓ Analysis of data within districts and across the state.

✓ Identify training opportunities for Phase 2.

✓ Document business rules to reinforce proper usage of data fields.

# CWCS External Advisory Committee

- ▸ Kelly Wildenberg, Kaukauna Area
- ▸ Patt Goerke, Wauwatosa
- ▸ Susan Gatzow, Arrowhead UHS
- ▸ Lisa Van Dyke, Elkhorn Area
- ▸ Frona Tenuta, Racine
- ▸ Deb Zdun, Pittsville
- ▸ Angela Moehring, Seymour
- ▸ Michael Rauworth, Oconomowoc Area

**Collaboration & Guidance**

**CWCS Phase 2 Communications**

- Vendor Conference scheduled on November 2, 2011 via MS Live – topics include:
  - New data field
  - Existing data field
  - Interface specification changes
  - Validation message changes
  - DTD file updates

- District Training Sessions via MS Live beginning November 2011 and continue through June 2012 (bi-weekly) - topics include:
  - Mapping Courses
  - When Should You Report Coursework Completion Records?
  - Reporting Term Roll-up
  - Section/Course Submission Guidelines

**Working Together**        **Opportunities**

---

**VENDOR CONFERENCE:**
•New data field
  ○Impact on Upload files
  ○Impact on download files
  ○Impact on CWCS user interface
•Existing data field (updates)
•Interface specification changes (updates/new)
•Validation message changes (updates/new)
•DTD file updates

**DISTRICT TRAINING DETAIL:**

•Mapping Courses (elementary, middle school and high school)

•When Should You Report Coursework Completion Records?

•Reporting Term Roll-up

•Section/Course Submission Guidelines (Alternative Ed, Virtual / Online Ed, Distance Ed, Dual Enrollment Credit, Project Based Learning and Special Ed)

## Common Data Fields

▸ **Course & Teacher Record**
  ◦ Collection Type – required
  ◦ Submitting District – required
  ◦ School Code – required
  ◦ Year – required
  ◦ Term – required – added Block Scheduling values 1 - 10
  ◦ Record Type – required
  ◦ Section ID – required

▸ **Student & Completion Record**
  ◦ Collection Type – required
  ◦ Submitting District – required
  ◦ School Code – required
  ◦ Year – required
  ◦ Term – required – added Block Scheduling values 1 - 10
  ◦ Record Type – required
  ◦ Section ID – required

| Linking Data | Unique Records |
|---|---|

Available reporting terms in Phase 2:

  o Quarters (4)
  o Semesters (2)
  o Trimesters (3)
  o Blocks (1 – 10)
  o Annual (1)

During Phase 1 we noticed the same Section ID/Course were reported as both Quarters and Semesters or Quarters and Annual in the same school. Is this possible that the same course is taught in the morning as a quarterly course and then a different class in the afternoon as an annual course?

Course & Teacher Data Fields

- Course Code – required
- Classroom Type – optional
- Local Course Title – conditional
- Dual Enrollment Credit - conditional - required for grade levels 9 – 12, business rule validating that a valid secondary course code was provided and school type of high school
- Distance Education – optional - must assign a teacher role(s) other than monitoring educator
- Virtual / Online Education – optional - must assign a teacher role(s) other than monitoring educator

- Project Based Learning – conditional
- Academic Service Learning – optional
- Alternative Education Programs – conditional
- Equivalency – optional – added business rule validating it is a valid secondary course code and school code must equal high school
- World Language – required – added business rules validity based on school type
- Bilingual/ESL – optional
- Teacher Role – required - limited usage of monitoring educator role
- DPI Educator Number – required
- Last Name – required
- Former Last Name – conditional

**New Elementary Course Codes & Rigor Levels**

**Educators May Be From Outside Your District**

- Added the Elementary (NCES Prior to Secondary) School Course Codes
  - Not eliminating the WI DPI Elementary General Studies Course Codes during Phase 2 – SY2011-2012, they will remain in the tables for usage.
  - Additional level of rigor ONLY for the NCES Elementary School Course Codes (not to be associated with WI DPI Elementary Course Codes)
    - X – no specific level of rigor, used for exploratory courses
  - Additional business rule in the event a high school student is associated with an elementary course code.

**Eliminate the PI-1215 Course Offerings Report this SY2011-12: the following now collected through CWCS (required or conditional fields)**
  - Part-time Open Enrollment District
  - Dual Enrollment – Youth Options (UW) (PC) (TC) (YA)
  - World Language (elementary survey question)

  - Graduation Requirements – DPI's intention to collect this data via the Survey Tool "Vovici". The development of this solution is currently underway. Collection will be at the District and/or School level as requested by the districts throughout Phase 1 development/implementation.

## Student & Completion Data Fields

- WSN ID – required - update WSN validation to be based on a district *(a student may take classes at multiple schools within a district)*
- Enroll Date – required
- Grade Level Placement – required - update the "Grade Level Placement is not within Expected Range" Error at district level
- Completion Status – required
- High School Credits Earned – optional – update valid value between 00.000 and 10.000 per reporting term , up to 3 decimal points

- College Credits Earned – optional – update valid value between 00.000 and 10.000 per reporting term, up to 3 decimal points
- Grade Earned – optional - for grade levels K3 - 8 and required for 9 - 12
- Part-time Open Enrollment District - required - for all grade levels
- WSLS School – optional – when provided must be a valid school code from the DPI Agency Table. (WSLS Enrolled School)

| Simplified Processing Rules | New Data Field Adds Flexibility |
|---|---|

**Enroll date remains unchanged – must match WSLS Enroll Date.**

- WSN ID not found. WSN ID entered was not found in WSLS District.
- (Warning) Unexpected 'School Code' associated with student 'WSN ID'. This student's WSN ID is associated with multiple schools within your district.
- Invalid enrollment period. No WSLS record exists for the WSN, District, ~~School,~~ and Enroll Date identified for this record.
- No Students Reported in one or more schools where section data exists. District Lock requested with no student or coursework completion data reported for school(s). However section/course/teacher records were submitted for these schools.

## Example: Course & Teacher Load File Definition – File Set Envelope Definition

```xml
<?xml version = "1.0" encoding = "UTF-8" standalone = "no"?>
<!DOCTYPE CWCS_TRANS SYSTEM
  "TR_CWCSWCT.DTD">
<CWCS_TRANS>
  <DTG>02-10-2012 13:00:05 CST</DTG>
  <SEQ_NUM>00001</SEQ_NUM>
  <COLLECTION>CW1</COLLECTION>
  <DISTRICT>0001</DISTRICT>
...
</CWCS_TRANS>
```

# Example: Course & Teacher Load File & Baseline Definition

```xml
<?xml version = "1.0" encoding = "UTF-8" standalone = "no"?>
<!DOCTYPE CWCS_TRANS SYSTEM "TR_CWCSWCT.DTD">
<CWCS_TRANS>
   <DTG>02-10-2012 13:00:05 CST</DTG>
   <SEQ_NUM>00002</SEQ_NUM>
   <COLLECTION>CW1</COLLECTION>
   <DISTRICT>0001</DISTRICT>
   <SCHOOLS>
       <SCHOOL>0002</SCHOOL>
       <RECORD_TYPE>WCT</RECORD_TYPE>
       <YEAR>2012</YEAR>
       <TERM>1S</TERM>
```

# Example: Course & Teacher Load File Definition
## Single Course & Single Teacher (all fields)

```xml
<SECTION>
        <SECTION_ID>ALG206B</SECTION_ID>
        <CLASSROOM_TYPE>S</CLASSROOM_TYPE>
        <DUAL_ENROLL_CREDIT>NA</DUAL_ENROLL_CREDIT>
        <DISTANCE_ED>N</DISTANCE_ED>
        <VIRTUAL_ONLINE_ED>N</VIRTUAL_ONLINE_ED>
        <BILINGUAL_ESL>B</BILINGUAL_ESL>
        <PROJECT_BASED>N</PROJECT_BASED>
        <COURSE>
                <COURSE_CODE>02069B</COURSE_CODE>
                <LOCAL_COURSE_TITLE>ALGEBRABILING206B</LOCAL_COURSE_TITLE>
                <ACAD_SERVICE_LEARN>N</ACAD_SERVICE_LEARN>
                <EQUIVALENCY>NA</EQUIVALENCY>
                <WORLD_LANGUAGE>FLEX</WORLD_LANGUAGE>
                <ALT_ED_PROGRAM>NA</ALT_ED_PROGRAM>
        </COURSE>
        <TEACHER>
                <TEACHER_ROLE>ST</TEACHER_ROLE>
                <ED_FILE_NUMBER>000009</ED_FILE_NUMBER>
                <LAST_NAME>BROWN</LAST_NAME>
        </TEACHER>
</SECTION>
```

## Example: Course & Teacher Load File Definition – Alt Ed (with Monitoring Educator)

```
‹SECTION›
    ‹SECTION_ID›00205AF2010‹/SECTION_ID›
    ‹DISTANCE_ED›N‹/DISTANCE_ED›
    ‹VIRTUAL_ONLINE_ED›N‹/VIRTUAL_ONLINE_ED›
    ‹PROJECT_BASED›N‹/PROJECT_BASED›
    ‹COURSE›
        ‹COURSE_CODE›22A01G‹/COURSE_CODE›
        ‹ACAD_SERVICE_LEARN›N‹/ACAD_SERVICE_LEARN›
        ‹WORLD_LANGUAGE›FLEX‹/WORLD_LANGUAGE›
        ‹ALT_ED_PROGRAM›HSED‹/ALT_ED_PROGRAM›
    ‹/COURSE›
    ‹TEACHER›
        ‹TEACHER_ROLE›ME‹/TEACHER_ROLE›
        ‹ED_FILE_NUMBER›000012‹/ED_FILE_NUMBER›
        ‹LAST_NAME›SMITH‹/LAST_NAME›
    ‹/TEACHER›
‹/SECTION ›
```

*Example: Multiple teachers & multiple courses (interdisciplinary section)*

```
‹SECTION›
                        ‹SECTION_ID›01054AmLit06101Span‹/SECTION_ID›
                        ‹CLASSROOM_TYPE›M‹/CLASSROOM_TYPE›
                        ‹COURSE›

‹COURSE_CODE›01054E‹/COURSE_CODE›

‹LOCAL_COURSE_TITLE›AMERICANLITERATURE105E‹/LOCAL_COURSE_TITLE›
                        ‹/COURSE›
                        ‹COURSE›

‹COURSE_CODE›06101E‹/COURSE_CODE›

‹LOCAL_COURSE_TITLE›SPANISH610E‹/LOCAL_COURSE_TITLE›

‹ACAD_SERVICE_LEARN›N‹/ACAD_SERVICE_LEARN›

‹WORLD_LANGUAGE›WL‹/WORLD_LANGUAGE›
                        ‹/COURSE›
                        ‹TEACHER›

‹TEACHER_ROLE›MT‹/TEACHER_ROLE›

‹ED_FILE_NUMBER›000030‹/ED_FILE_NUMBER›

‹LAST_NAME›NELSON‹/LAST_NAME›

                        ‹/TEACHER›
                        ‹TEACHER›

‹TEACHER_ROLE›MT‹/TEACHER_ROLE›

‹ED_FILE_NUMBER›000017‹/ED_FILE_NUMBER›
```

## Example: Course & Teacher Status File Definition

▸ **B.5 The** *Course and Teacher Status File* **Definition** is used by the Department of Public Instruction to return a complete set of course and teacher data along with the validation information to the Student Information System (SIS). This file can be downloaded from the on-line application and includes all data provided during upload.

Example of the Course/Teacher Status File Definition:

```
<?xml version = "1.0" encoding = "UTF-8" standalone = "no"?>
<!DOCTYPE CWCS_TRANS SYSTEM "TR_CWCSWCT.DTD">
<CWCS_TRANS>
    <DTG>02-10-2012 13:00:05 CST</DTG>
    <SEQ_NUM>00002</SEQ_NUM>
    <COLLECTION>CW1</COLLECTION>
    <DISTRICT>0001</DISTRICT>
    <SCHOOLS>
        <SCHOOL>0002</SCHOOL>
        <RECORD_TYPE>WCT</RECORD_TYPE>
        <YEAR>2012</YEAR>
        <TERM>1S</TERM>
```

Example: *Single teacher & single course with all fields*

```
<SECTION>
                    <SECTION_ID>ALG206B</SECTION_ID>
                    <CLASSROOM_TYPE>S</CLASSROOM_TYPE>
                    <DUAL_ENROLL_CREDIT>NA</DUAL_ENROLL_CREDIT>
                    <DISTANCE_ED>N</DISTANCE_ED>
                    <VIRTUAL_ONLINE_ED>N</VIRTUAL_ONLINE_ED>
                    <BILINGUAL_ESL>B</BILINGUAL_ESL>
                    <PROJECT_BASED>N</PROJECT_BASED>
                    <WORLD_LANGUAGE>FLEX</WORLD_LANGUAGE>
                    <VALIDATION>
                                        <VALIDATION_MESSAGE>ERROR</VALIDATION_MESSAGE>
                                        <REASON_CODE>E19</REASON_CODE>
                    </VALIDATION>
                    <VALIDATION>
                                        <VALIDATION_MESSAGE>INFO</VALIDATION_MESSAGE>
                                        <REASON_CODE>I34</REASON_CODE>
                    </VALIDATION>
                    <COURSE>
                                        <COURSE_CODE>02069B</COURSE_CODE>
                                        <LOCAL_COURSE_TITLE>ALGEBRABILING206B</LOCAL_COURSE_TITLE>
                                        <ACAD_SERVICE_LEARN>N</ACAD_SERVICE_LEARN>
                                        <EQUIVALENCY>NA</EQUIVALENCY>
                                        <WORLD_LANGUAGE>NA</WORLD_LANGUAGE>
                                        <ALT_ED_PROGRAM>NA</ALT_ED_PROGRAM>
            <VALIDATION>
                                        <VALIDATION_MESSAGE>ERROR</VALIDATION_MESSAGE>
                                        <REASON_CODE>E33</REASON_CODE>
            </VALIDATION>
            <VALIDATION>
                                        <VALIDATION_MESSAGE>INFO</VALIDATION_MESSAGE>
```

## Example: Student & Completion Load File Definition – File Set Envelope Definition

```xml
‹?xml version = "1.0" encoding = "UTF-8" standalone = "no"?›
  ‹!DOCTYPE CWCS_TRANS SYSTEM
   "TR_CWCSWS.DTD"›
  ‹CWCS_TRANS›
    ‹DTG›02-10-2012 13:00:05 CST‹/DTG›
    ‹SEQ_NUM›00001‹/SEQ_NUM›
    ‹COLLECTION›CW1‹/COLLECTION›
    ‹DISTRICT›0001‹/DISTRICT›
  ...
  ‹/CWCS_TRANS›
```

# Example: Student Load File & Baseline Download File Definition

```xml
<?xml version = "1.0" encoding = "UTF-8" standalone = "no"?>
<!DOCTYPE CWCS_TRANS SYSTEM "TR_CWCSWS.DTD">
<CWCS_TRANS>
  <DTG>02-10-2012 13:00:05 CST</DTG>
  <SEQ_NUM>00001</SEQ_NUM>
  <COLLECTION>CW1</COLLECTION>
  <DISTRICT>0001</DISTRICT>
  <SCHOOLS>
  <SCHOOL>0002</SCHOOL>
  <RECORD_TYPE>WS</RECORD_TYPE>
  <YEAR>2012</YEAR>
  <TERM>1S</TERM>
```

# Example: Student Load File Definition – High School Student (all fields)

```
<STUDENT>
        <SECTION_ID>ALG206B</SECTION_ID>
        <WSN_ID>1222567890</WSN_ID>
        <ENROLL_ DATE>03/17/2007</ENROLL_ DATE>
        <GRADE>11</GRADE>
        <COMPLETION_STATUS>P</COMPLETION_STATUS>
        <HS_CREDIT_EARNED>0.25</HS_CREDIT_EARNED>
        <COLG_CREDIT_EARNED>0.0</COLG_CREDIT_EARNED >
        <GRADE_EARNED>3.5</GRADE_EARNED>
        <PTO_ENROLL_DISTRICT>NA</PTO_ENROLL_DISTRICT>
        <WSLS_SCHOOL>0002</WSLS_SCHOOL>
</STUDENT>
```

## Example: Student Load File Definition – Elementary Student – Relevant to Grade Level No Grade Earned or Credits (all fields)

```
<STUDENT>
        <SECTION_ID>GEN4E01</SECTION_ID>
        <WSN_ID>1234567950</WSN_ID>
        <ENROLL_ DATE>04/23/2000</ENROLL_ DATE>
        <GRADE>05</GRADE>
        <COMPLETION_STATUS>P</COMPLETION_STATUS>
        <PTO_ENROLL_DISTRICT>NA</PTO_ENROLL_DISTRICT>
</STUDENT>
```

# Example: CWCS Student Status File Definition

```xml
<?xml version = "1.0" encoding = "UTF-8" standalone = "no"?>
<!DOCTYPE CWCS_TRANS SYSTEM "TR_CWCSWS.DTD">
<CWCS_TRANS>
    <DTG>02-10-2012 13:00:05 CST</DTG>
    <SEQ_NUM>00001</SEQ_NUM>
    <COLLECTION>CW1</COLLECTION>
    <DISTRICT>0001</DISTRICT>
    <SCHOOLS>
    <SCHOOL>0002</SCHOOL>
    <RECORD_TYPE>WS</RECORD_TYPE>
    <YEAR>2012</YEAR>
    <TERM>1S</TERM>
```

```
<STUDENT>
        <SECTION_ID>ALG206B</SECTION_ID>
        <WSN_ID>1222567890</WSN_ID>
        <ENROLL_ DATE>03/17/2007</ENROLL_ DATE>
        <GRADE>11</GRADE>
        <COMPLETION_STATUS>P</COMPLETION_STATUS>
        <HS_CREDIT_EARNED>0.25</HS_CREDIT_EARNED>
        <COLG_CREDIT_EARNED>0.0</COLG_CREDIT_EARNED >
        <GRADE_EARNED>3.5</GRADE_EARNED>
        <PTO_ENROLL_DISTRICT>NA</PTO_ENROLL_DISTRICT>
        <RACE_KEY>0042</RACE_KEY>
        <GENDER>F</GENDER>
        <BIRTH_DATE>04/13/1995</BIRTH_DATE>
        <LOCAL_STUDENT_ID>02345</LOCAL_STUDENT_ID>
        <WSLS_SCHOOL>0040</WSLSSCHOOL>
    <VALIDATION>
        <VALIDATION_MESSAGE>ERROR</VALIDATION_MESSAGE>
        <REASON_CODE>E13</REASON_CODE>
    </VALIDATION>
    <VALIDATION>
    <VALIDATION_MESSAGE>ERROR</VALIDATION_MESSAGE>
        <REASON_CODE>E19</REASON_CODE>
    </VALIDATION>
    <VALIDATION>
    <VALIDATION_MESSAGE>INFO</VALIDATION_MESSAGE>
        <REASON_CODE>I34</REASON_CODE>
    </VALIDATION>
</STUDENT>
```

## Example: CWCS Student Status File Definition

# Course & Teacher Interface Specifications (XML)

B.5 Course and Teacher Status File Definition

- Tag: DUAL_ENROLL_CREDIT
  - Parent Tag: SECTION
  - Data Element Name: DualEnrolmenttCredit
  - Business Rule Description: Must be a valid dual enrollment credit code from a DPI table.
  - M/C/O Upload: O
  - M/C/O Lock: C

**Updated From Optional Field to Conditional**

# Course & Teacher Interface Specifications (XML)

B.2 Course and Teacher Load File and Baseline Download File Definition

- Tag: WORLD_LANGUAGE
  - Parent Tag: COURSE
  - Data Element Name: WorldLanguage
  - Business Rule Description: Must be a valid world language code from a DPI table.
  - M/C/O Upload: O
  - M/C/O Lock: M

Updated From Optional Field to Required/Mandatory

# Course & Teacher – Student & Completion Interface Specifications (XML)

TERM CODE TABLE

| CODE | DESCRIPTION |
|------|-------------|
| 1B | 1st Block |
| 2B | 2nd Block |
| 3B | 3rd Block |
| 4B | 4th Block |
| 5B | 5th Block |
| 6B | 6th Block |
| 7B | 7th Block |
| 8B | 8th Block |
| 9B | 9th Block |
| 10B | 10th Block |

▸ Is there a need for further expansion of "reporting terms" in the future?

| Expanded Values | Meet Scheduling Needs |
|-----------------|----------------------|

# Student & Completion Interface Specifications (XML)

A. Data Element Definition
- Date Element Name: WSLSSchool
- Description: WSLS School that hold the students WSN ID.
- Type: A
- Size (bytes): 4
- Format:

**Students May Take Classes at Multiple Schools Within Their District**

# Student & Completion Interface Specifications (XML)

B.2 Student Load File and Baseline Download File Definition

- Tag: WSN_ID
  - Parent Tag: SECTION
  - Data Element Name: WSNStudentId
- Business Rule Description: 1) FORMAT 0000000009. 2) Each student record must match an existing WSLS record for this DISTRICT and SCHOOL or WSLS_SCHOOL using the following field combination: WSN_ID and ENROLL_DATE.
  - M/C/O Upload: M
  - M/C/O Lock: M

## Simplified Business Rule to Eliminate Rework

# Student & Completion Interface Specifications (XML)

B.2 Student Load File and Baseline Download File Definition

▸ Tag: HS_CREDIT_EARNED
  ◦ Parent Tag: SECTION
  ◦ Data Element Name: HighSchoolCreditsEarned
  ◦ Business Rule Description: 1) Must be a numeric value 0.000 and 10.000. 2) Valid decimal values may be up to 3 decimal points.
  ◦ M/C/O Upload: O
  ◦ M/C/O Lock: O

**Simplified Business Rule to Eliminate Rework**

# Student & Completion Interface Specifications (XML)

B.2 Student Load File and Baseline Download File Definition

▸ Tag: COLG_CREDIT_EARNED
  ◦ Parent Tag: SECTION
  ◦ Data Element Name: CollegeCreditsEarned
  ◦ Business Rule Description: 1) Must be a numeric value 0.000 and 10.000. 2) Valid decimal values may be up to 3 decimal points.
  ◦ M/C/O Upload: O
  ◦ M/C/O Lock: O

Simplified Business Rule to Eliminate Rework

# Student & Completion Interface Specifications (XML)

B.2 Student Load File and Baseline Download File Definition

▸ Tag: PTO_ENROLL_DISTRICT
  ◦ Parent Tag: SECTION
  ◦ Data Element Name: PartTimeOpenEnrollmentDistrict
  ◦ Business Rule Description: 1) Must be 'NA' or a valid District Code from DPI Table.
  ◦ M/C/O Upload: O
  ◦ M/C/O Lock: M

**Updated From Optional to Required/Mandatory**

# Student & Completion Interface Specifications (XML)

B.2 Student Load File and Baseline Download File Definition

▸ Tag: WSLS_SCHOOL
  ◦ Parent Tag: SECTION
  ◦ Data Element Name: WSLSSchool
  ◦ Business Rule Description: 1) Must be a valid School Code from DPI Table. 2) School must be open at some point during the school year identified by YEAR. 3) FORMAT 0009 – Leading Zeroes.
  ◦ M/C/O Upload: O
  ◦ M/C/O Lock: C

## New Data Field – WSLS ENROLL SCHOOL

# Student & Completion Interface Specifications (XML)

B.5 Student Status File Definition

▸ Tag: HS_CREDIT_EARNED
  ◦ Parent Tag: SECTION
  ◦ Data Element Name: HighSchoolCreditsEarned
  ◦ Business Rule Description: 1) Must be a numeric value 0.000 and 10.000. 2) Valid decimal values may be up to 3 decimal points.
  ◦ M/C/O Upload: O
  ◦ M/C/O Lock: O

## Simplified Business Rule to Eliminate Rework

# Student & Completion Interface Specifications (XML)

B.5 Student Status File Definition

▸ Tag: COLG_CREDIT_EARNED
  ◦ Parent Tag: SECTION
  ◦ Data Element Name: CollegeCreditsEarned
  ◦ Business Rule Description: 1) Must be a numeric value 0.000 and 10.000. 2) Valid decimal values may be up to 3 decimal points.
  ◦ M/C/O Upload: O
  ◦ M/C/O Lock: O

## Simplified Business Rule to Eliminate Rework

# Student & Completion Interface Specifications (XML)

B.5 Student Status File Definition

▸ Tag: PTO_ENROLL_DISTRICT
  ◦ Parent Tag: SECTION
  ◦ Data Element Name: PartTimeOpenEnrollmentDistrict
  ◦ Business Rule Description: 1) Must be 'NA' or a valid District Code from DPI Table.
  ◦ M/C/O Upload: O
  ◦ M/C/O Lock: M

Updated From Optional Field to Required/Mandatory

## Student & Completion Interface Specifications (XML)

B.5 Student Status File Definition

▸ Tag: WSLS_SCHOOL

- ◦ Parent Tag: SECTION
- ◦ Data Element Name: WSLSSchool
- ◦ Business Rule Description: 1) Must be a valid School Code from DPI Table. 2) School must be open at some point during the school year identified by YEAR. 3) FORMAT 0009 – Leading Zeroes.
- ◦ M/C/O Upload: O
- ◦ M/C/O Lock: C

## WSLS is not Changing

When you have a student taking a class at a different school within your district you will setup the student completion record as outlined below:

  ◦ *The following is an example of the Student Load File Definition:*

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<!DOCTYPE CWCS_TRANS SYSTEM "TR_CWCSWS.DTD">
<CWCS_TRANS>
        <DTG>02-10-2011 13:00:05 CST</DTG>
        <SEQ_NUM>00001</SEQ_NUM>
        <COLLECTION>CW1</COLLECTION>
        <DISTRICT>0001</DISTRICT>
        <SCHOOL>
        <SCHOOL>0002</SCHOOL>  (CWCS Submitting School)
        <RECORD_TYPE>WS</RECORD_TYPE>
        <YEAR>2011</YEAR>
        <TERM>1S</TERM>
```

▸ *Example: middle school student with all data fields taking coursework at the high school*

```
<STUDENT>
              <SECTION_ID>ALG206B</SECTION_ID>
              <WSN_ID>1222567890</WSN_ID>
              <ENROLL_DATE>03/17/2007</ENROLL_DATE>
              <GRADE>08</GRADE>
              <COMPLETION_STATUS>P</COMPLETION_STATUS>
              <HS_CREDIT_EARNED>0.25</HS_CREDIT_EARNED>
              <COLG_CREDIT_EARNED>0.0</COLG_CREDIT_EARNED>
              <GRADE_EARNED>3.5</GRADE_EARNED>
              <PTO_ENROLL_DISTRICT>NA</PTO_ENROLL_DISTRICT>
              <WSLS_SCHOOL>0040</WSLS_SCHOOL>  (WSLS Enrolled School)
</STUDENT>
```

1. WSLS is not changing.

   - No you do not have to enroll the student into multiple schools within your district.
   - Students may take classes in multiple schools within your district.
   - To clarify "WSLS ENROLL SCHOOL" remains the same
   - CWCS Submitting School – is the school where the student is taking the class. This is the CWCS Submitting School, they may now submit students that are sitting in their classroom through CWCS. This is a change from Phase 1 when the WSLS Enroll School was required to report all courses for all their student enrollment.

   - CWCS Submitting School:
     - Student Record List (students from WSLS School will now appear)
     - File Upload Request – MUST provide the WSLS_SCHOOL in Student Record when the CWCS Submitting School is different than the ENROLLED school for the student.
     - File Download Request (students from WSLS School will now appear)
     - School Course Enrollment Report (students from WSLS School will now appear)

# What Is The Impact to CWCS Submitting School?

- Student Record List
  - Students from WSLS Enroll School will now appear in the list.
- File Upload Request
  - MUST provide the WSLS_SCHOOL in Student Record when the CWCS Submitting School is different than the WSLS Enrolled School for the student.

- File Download Request
  - Students from WSLS Enroll School will now appear in the list.
- School Course Enrollment Report
  - Students from WSLS Enroll School will now appear in the list.

| CWCS Submitting School – the School Where the Student is Taking the Class | You Do Not Have to Enroll the Student into Multiple Schools Within Your District |
|---|---|

## Course & Teacher Validation Message

CT31:

Invalid 'World Language'. ~~When provided,~~ 'World Language' code must be a valid World Language code.

**Data Field Updated to Required**

# Course & Teacher Validation Message

CT32:

Invalid 'Bilingual / ESL'. When provided, 'Bilingual / ESL' must be a valid Bilingual / ESL code.

Verbiage Update Only

## Course & Teacher Validation Message

CT54:

Invalid 'Equivalency' combination. 'Equivalency' was provided as a value other than 'NA', Not Applicable, and 'Course Code' was provided as a value other than a valid 'Secondary Course Code' and school type was not of high school.

**New Validation Message added to Improve Data Accuracy**

## Course & Teacher Validation Message

CT55:

<u>Required field is missing, 'World Language'.</u>  'World Language' is a required field for all course and teacher records.

**Data Field Updated to Required**

# Course & Teacher Validation Message

CT56:

Required field is missing, 'Dual Enrollment Credit'. 'Dual Enrollment Credit' is required when secondary course code is provided and school type is high school.

Data Field Updated to Conditional

## Course & Teacher Validation Message

CT57:

Invalid 'Teacher Role' combination. Teacher Role was provided as 'ME', Monitoring Educator. A Teacher Role of 'ME' can only be used when 'Dual Enrollment Credit' equals 'YOPC', 'YOUW', 'YOTC' or 'YA' or Alternative Education program equals 'HSED' OR 'CA'.

**Educators May be From Outside of Your District**

## Course & Teacher Validation Message

CT58:

Invalid 'World Language' for elementary school type. 'World Language' was provided as a value of 'FLES' and school type was other than elementary and elementary/secondary combined school type.

Added Business Rule to Improve Data Accuracy

## Course & Teacher Validation Message

CT59:

Invalid 'World Language' for middle school type. 'World Language' was provided as a value of 'FLEX' and school type is not junior high and middle school types.

Added Business Rule to Improve Data Accuracy

# Student & Completion Validation Message

SC35:

<u>Invalid 'High School Credits Earned'.</u>  'High School Credits Earned' must be a numeric value >=0.000 and <=10.000. Valid decimal values may be up to 3 decimal points. ~~Valid decimal values are .0, .05, .083, .084, .1, .111, .125, .15, .166, .167, .188, .2, .222, .25, .3, .333, .334, .375, .4, .444, .5, .555, .556, .6, .625, .666, .667, .7, .75, .777, .778, .8, .833, .875, .888, .889, and .9~~

Updated Business Rule to Eliminate Rework

# Student & Completion Validation Message

SC36:

Invalid 'College Credits Earned'. 'College School Credits Earned' must be a numeric value >=0.000 and <=10.000. Valid decimal values may be up to 3 decimal points. ~~Valid decimal values are .0, .05, .083, .084, .1, .111, .125, .15, .166, .167, .188, .2, .222, .25, .3, .333, .334, .375, .4, .444, .5, .555, .556, .6, .625, .666, .667, .7, .75, .777, .778, .8, .833, .875, .888, .889, and .9~~

## Updated Business Rule to Eliminate Rework

# Student & Completion Validation Message

SC48:

<u>WSN ID not found.</u>  WSN ID entered was not found in WSLS District.

Updated Business Rule to Eliminate Rework

# Student & Completion Validation Message

SC49:

(Warning) Unexpected 'School Code' associated with student 'WSN ID'. This student's WSN ID is associated with multiple schools within your district.

New Business Rule to Improve Data Accuracy

# Student & Completion Validation Message

SC50:

<u>No Students Submitted in one or more schools where section data exists.</u> District Lock requested with no student or coursework completion data reported for school(s). However section/course/teacher records were submitted for these schools.

New Business Rule to Improve Data Accuracy

# Student & Completion Validation Message

SC51:

Invalid combination of 'High School Credits Earned' and 'Completion Status'. 'Completion Status' was provides as value of 'T', 'F' or 'WD', hence 'High School Credits Earned' may not be a value > '00.000'.

New Business Rule to Improve Data Accuracy

# Student & Completion Validation Message

SC52:

Invalid combination of 'College Credits Earned' and 'Completion Status. 'Completion Status' was provided as value of 'I', 'F' or 'WD', hence 'College Credits Earned' may not be a value > '00.000'.

**New Business Rule to Improve Data Accuracy**

## Student & Completion Validation Message

SC53:

Required field is missing 'Part-time Open Enrollment District'. Part-time Open Enrollment District is a required field for all grade levels.

New Business Rule to Improve Data Accuracy

# Student & Completion Validation Message

SC54:

(Warning) Unexpected secondary course code in an elementary school type. The 'Section ID' provided is associated with a secondary course code, while the school type for this record is of elementary grade levels.

New Business Rule to Improve Data Accuracy

# Questions or Suggestions?

# CWCS Resources

- http://dpi.wi.gov/lbstat/cwcsapp.html
- ISES Help Desk – 800-507-5744